

an elongate member being moveable relative to the hollow tubular body between a first position at least partially within the lumen and a second position at least partially within the lumen, the movement of the elongate member between the first and the second positions enabling expansion of the expandable member; and

an adaptor which may be removably connected to the proximal portion of the tubular body, the adaptor having a first engaging surface adapted to contact the hollow tubular body, and a second engaging surface adapted to contact a portion of the elongate member outside of the lumen of the hollow tubular body, wherein the first engaging surface is moveable away from the second engaging surface such that when the adaptor is mounted on the proximal portion of the tubular body, the elongate member moves from its first position to its second position.

17. The system of Claim 16, wherein the hollow tubular body is metallic.
18. The system of Claim 17, wherein the hollow tubular body comprises nitinol.
19. The system of Claim 16, wherein the expandable member is a balloon.
20. The system of Claim 16, wherein the hollow tubular body has an outer diameter of from about 0.010 inches to about 0.032 inches.
21. The system of Claim 16, wherein the hollow tubular body has an outer diameter of from about 0.014 inches to about 0.018 inches.
22. The system of Claim 16, wherein the first and second engaging surfaces comprise a plurality of pads.
23. The system of Claim 16, wherein the adaptor comprises a housing including a first half and a second half adapted to close over one another.
24. The system of Claim 23, wherein the adaptor further comprises an actuator on an external surface of the housing, the actuator adapted to control the movement of the first engaging surface away from the second engaging surface.
25. The system of Claim 24, wherein the actuator is a rotatable knob.
26. The system of Claim 23, further comprising a latch for securing the first half of the housing to the second half when the adaptor is in use.
27. The system of Claim 16, wherein the adaptor includes a safety lock to prevent removal of the adaptor from the tubular body.

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28. The system of Claim 16, wherein the adaptor includes clips for securing the hollow tubular body within the adaptor.

29. The system of Claim 16, wherein the elongate member includes movement-force increasing structure which increases the force required to move the elongate member within the lumen.

30. The system of Claim 29, wherein the elongate member includes waves to provide said movement-force increasing structure.

31. An adaptor for controlling actuation of an expandable device, the adaptor comprising:

a housing with a retaining portion which interacts to releasably retain a section of a hollow tubular body therein, the expandable device being disposed at a distal end of the hollow tubular body; and

an actuator, mounted on said housing, which drives an elongate member within said hollow tubular body to move said elongate member from a first position at least partially within said hollow tubular body to a second position at least partially within said hollow tubular body, the movement of the elongate member between the first and the second positions enabling expansion of the expandable device.

32. The adaptor of Claim 31, further comprising sliding panels which drive the elongate member into the lumen.

33. The adaptor of Claim 32, wherein the sliding panels have a roughened surface.

34. The adaptor of Claim 31, wherein the housing includes a first half and a second half adapted to close over one another.

35. The adaptor of Claim 34, further comprising a latch for securing the first half of the housing to the second half when the adaptor is in use.

36. The adaptor of Claim 34, further comprising a safety lock to prevent removal of the housing from the tubular body.

37. The adaptor of Claim 31, wherein the actuator includes a rotatable knob.

38. The adaptor of Claim 31, further comprising clips for securing the hollow tubular body within the adaptor.

39. A system for actuating an expandable device, comprising:

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a hollow tubular body having proximal and distal portions and a lumen extending at least partially therethrough;

an expandable device connected to the distal portion of the hollow tubular body;

an elongate member having at least a portion thereof sized to fit within the lumen, wherein movement of the elongate member within the lumen enables expansion of the expandable device; and

a removeable adaptor adapted to engage said elongate member, wherein when said adaptor engages said elongate member said adaptor is capable of moving said elongate member within said lumen.

40. The system of Claim 39, wherein the hollow tubular body is metallic.

41. The system of Claim 40, wherein the hollow tubular body comprises nitinol.

42. The system of Claim 39, wherein the expandable member is a balloon.

43. The system of Claim 39, wherein the hollow tubular body has an outer diameter of from about 0.010 inches to about 0.032 inches.

44. The system of Claim 39, wherein the hollow tubular body has an outer diameter of from about 0.014 inches to about 0.018 inches.

45. The system of Claim 39, wherein the first and second engaging surfaces comprise a plurality of pads.

46. The system of Claim 39, wherein the adaptor includes clips for retaining said elongate member and said hollow tubular body within said adaptor.

47. The system of Claim 39, wherein the adaptor further comprises an actuator on an external surface of the housing, the actuator adapted to control the movement of the elongate member within said lumen.

48. The system of Claim 47, wherein the actuator is a rotatable knob.

49. The system of Claim 39, wherein the elongate member includes movement-force increasing structure which increases the force required to move the elongate member within the lumen.

50. The system of Claim 49, wherein the elongate member includes waves to provide said movement-force increasing structure.